

Amendment

Amendments to Specification:

Please amend the paragraph beginning at line 26 of page 8 as follows:

Figure 1 shows one embodiment of the present invention having a system 100 that includes a plurality of similar ISP (internet service provider) boxes 110 connected to the internet 99. In this embodiment, each box 110 represents a subsystem having routing services provided by a block called access router 111, and hosting services provided by blocks 113 and 114. The ISP is typically a company that provides internet services (such as connectivity to the internet, as well as services that store data and provide data according to requests by users, and network connectivity to users) to a plurality of customers including customer A and customer B. In some embodiments, customer premises equipment 117 and 118 (also called CPE 117 and 118, this is hardware and the software that controls the hardware, that is installed at the customer's premises; this can include servers, routers and switches, and the network connecting to individual user's workstations, and various interfaces to external communications networks) is used to provide at least a portion of the ~~function~~ functionality to support customers A and B, respectively, and the ISP 110 provides the rest in blocks 113 and 114, respectively. The ~~function~~ functionality to support customers includes such things as web site hosting, database and other servers, e-mail services, etc. The customer's CPE 117 and 118 connect to the SIP through, e.g., access router 111 and security services 112 to customer A site one 113 and customer B site one 114, and also to the internet 99 in a manner that isolates customer A and customer B from one another except for communications and E-mail that would normally pass across the internet 99.